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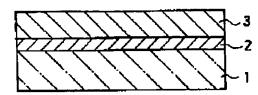
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: FORMATION OF TANTALUM FILM TITLE

(b)

(a)



ABSTRACT: PURPOSE: To reduce the specific resistance of a tantalum film used for the circuit and electrodes of a lig. crystal display panel of active matrix system and to increase the area of the panel.

> CONSTITUTION: One or more among gaseous N2, CO2, methane and O2 are added to rare gas, tantalum is sputtered with the resulting gas to form a first tantalum layer 2 on a substrate 1 and then tantalum is sputtered with only rare gas to form a second tantalum layer 3.

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